Electronic Version
Stylesheet Version v1.1.1

Claims

[c1] 1.A digital recorder capable of outputting a plurality of data formats, the digital recorder comprising:
a housing;
a multiple format converting module installed in the housing for converting the format of digital audiovisual (AV) signals of the digital recorder;
a plurality of connecting ports in different formats installed on the housing and connected to the multiple format converting module;
a storage media installed in the housing for storing the digital AV signals of the digital recorder; and
a controller electrically connected to the multiple format converting module and the storage media, for controlling the operation of the multiple format converting module and the storage media.

[c2] 2.The digital recorder of claim 1 wherein one of the plurality of the connecting ports is directly connected to a connecting port on a computer by a cable.

[c3] 3.The digital recorder of claim 1 further comprising:
an analog-to-digital converter (ADC) installed in the housing for converting analog AV signals into digital AV

signals; and

a coder/decoder (CODEC) electrically connected to the ADC, the multiple format converting module, and the storage media; for receiving, coding and decoding the digital AV signals from the ADC, and outputting the digital AV signals to the multiple format converting module and the storage media.

[c4] 4.The digital recorder of claim 1 further comprising an infrared signal receiving module installed on the housing and electrically connected to the controller, for receiving infrared signals to control the operation of the digital recorder.

[c5] 5.The digital recorder of claim 1 further comprising a basic input/output system (BIOS) for providing programs necessary for basic operations of the digital recorder.

[c6] 6.The digital recorder of claim 1 further comprising an on-screen display (OSD) controlling unit for displaying operating messages of the digital recorder.

[c7] 7.The digital recorder of claim 1 wherein the storage media is a hard disk drive.

[c8] 8.The digital recorder of claim 1 wherein one of the plurality of connecting ports conforms to one of the standards selected from USB 1.0, USB 2.0, PCI, SCSI or

IEEE1394.

[c9] 9.The digital recorder of claim 1 being a dock for a notebook.

[c10] 10.The digital recorder of claim 1 further comprising a radio transceiver module connected to the multiple format converting module for transmitting and receiving radio signals.

[c11] 11.The digital recorder of claim 10 wherein the radio transceiver module exchanges data with a radio transceiver module on the computer by radio signals.

[c12] 12.The digital recorder of claim 11 wherein the computer comprises a processor, an AV processing device connecting to the radio transceiver module on the computer for receiving and converting the digital AV signals from the digital recorder, and a display device for displaying the digital AV signals from the AV processing device.

[c13] 13.The digital recorder of claim 2 wherein the computer further comprises a processor, an AV processing device connecting to the connecting port on the computer for receiving and converting the digital AV signals from the digital recorder, and a display device for displaying the digital AV signals from the AV processing device.